



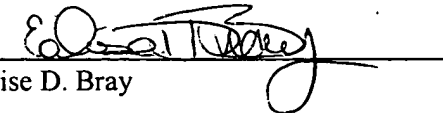
1637

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#141
7/17/03

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Applicant : J. David Rozzell, Jr., et al.
Application No. : 09/734,237
Filed : December 8, 2000
Title : SYNTHETIC GENES FOR ENHANCED EXPRESSION
Grp./Div. : 1637
Examiner : Young J. Kim

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LETTER TO CORRECT PUBLICATION

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Pasadena, CA 91109-7068
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Commissioner:

When proofing the Publication for the above-identified application, we located an error in the title and in the correspondence address. The title of this application should read: SYNTHETIC GENES FOR ENHANCED EXPRESSION. The correspondence address should read:

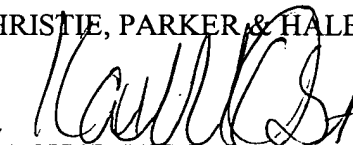
Christie, Parker & Hale, LLP
350 West Colorado Boulevard
Suite 500
Pasadena, CA 91105

A copy of the first page of the publication with errors indicated is enclosed. Please forward a corrected Publication to the undersigned.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By



Kathleen M. Olster
Reg. No. 42,052
(626) 795-9900



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Apr. 3, 2003(54) **MICE MODELS OF HUMAN PROSTATE
CANCER****Publication Classification**(76) Inventors: **J. David Rozzell JR.**, Burbank, CA
(US); **Peter Bul**, El Monte, CA (US);
Ling Hua, Arcadia, CA (US)(51) Int. Cl.⁷ **C07K 14/00; C12P 21/02;**
C12N 5/06; C07H 21/04(52) U.S. Cl. **435/69.1; 435/325; 435/320.1;**
536/23.1; 530/350Correspondence Address:
MANDEL & ADRIANO
35 N. ARROYO PARKWAY
SUITE 60
PASADENA, CA 91103 (US)(57) **ABSTRACT**

A synthetic nucleic acid sequence is disclosed, comprising a non-naturally occurring polymer of nucleic acids, having a biological function encoded by the sequence and known from a starting nucleic acid sequence, and having a difference in sequence of at least about 5% between the nucleic acids of the synthetic sequence and the starting sequence. The difference between the nucleic acid sequences results in a different free energy of folding for the synthetic sequence as compared to the starting sequence, such that the synthetic sequence would be expressed better in a selected heterologous host cell than the starting sequence would be if expressed in the same heterologous host cell.

(21) Appl. No.: **09/734,237**(22) Filed: **Dec. 8, 2000****Related U.S. Application Data**(63) Continuation-in-part of application No. 09/494,921,
filed on Jan. 31, 2000, now Pat. No. 6,366,860.

C_atg_GGT cac ggc tcc aac aaA ctG ccG ggC ttt gct acc cgC
 gct atC cac caC ggT taT gac ccG cag gaT cac ggT ggT gca ctg
 gtT ccG ccg gtT tac cag act gct acT ttc acc ttc ccG acc gtT
 gaa tac ggc gct gcg tgc ttt gct ggc gaA cag gct ggT caC ttc
 tac TCC cgT atc tcc aac ccG acc ctG aac ctg ctg gaa gca cgT
 atg gcA tcT ctg gaa ggc ggc gaA gct ggT ctg gcg ctg gcA tcT
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 ggt gac gaA gtT ctg ctg ggc aac acc ctg taT ggT tgT acT ttt
 gct ttc ctg cac cac ggT atc ggT gaA ttc ggC gtT aaA ctg cgT
 caC gtA gaT atg gct gac ctg cag gca ctg gaA gcg gct atg acc
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 gct acT aaA tac ctg TCC ggc caC ggc gac atc act gct ggc atC
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 gaC gtT caG cag gct ctG aag gct agC gct tga GGA TCC